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Application Number

07/746 020 8-15-1991

Paper No. 17

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US005541206A

United States Patent [19]**Kempf et al.**

[11] **Patent Number:** 5,541,206
 [45] **Date of Patent:** Jul. 30, 1996

[54] **RETROVIRAL PROTEASE INHIBITING COMPOUNDS**

[75] Inventors: **Dale J. Kempf, Libertyville; Daniel W. Norbeck, Crystal Lake; Hing Leung Sham; Chen Zhao**, both of Gurnee, all of Ill.

[73] Assignee: **Abbott Laboratories, Abbott Park, Ill.**

[21] Appl. No.: **423,387**

[22] Filed: **Apr. 25, 1995**

Related U.S. Application Data

[63] Continuation of Ser. No. 158,587, Dec. 2, 1993, abandoned, which is a continuation-in-part of Ser. No. 998,114, Dec. 29, 1992, abandoned, which is a continuation-in-part of Ser. No. 777,626, Oct. 22, 1991, abandoned, which is a continuation-in-part of Ser. No. 746,020, Aug. 15, 1991, abandoned, which is a continuation-in-part of Ser. No. 616,170, Nov. 20, 1990, abandoned, which is a continuation-in-part of Ser. No. 518,730, May 9, 1990, Pat. No. 5,142,056, which is a continuation-in-part of Ser. No. 456,124, Dec. 22, 1989, abandoned, which is a continuation-in-part of Ser. No. 405,604, Sep. 8, 1989, abandoned, which is a continuation-in-part of Ser. No. 355,945, May 23, 1989, abandoned.

[51] **Int. Cl.⁶** **A61K 31/425; C07D 413/12; C07D 417/12**

[52] **U.S. Cl.** **514/365; 548/204; 548/194; 548/187; 548/235; 548/227; 548/228; 548/229; 514/374; 514/369; 514/370; 514/376; 514/377**

[58] **Field of Search** **514/365, 374, 514/369, 370, 376, 377; 548/204, 194, 187, 235, 227, 228, 229**

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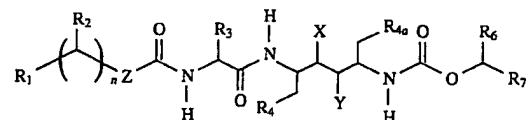
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Attorney, Agent, or Firm—Steven R. Crowley

[57] **ABSTRACT**

A retroviral protease inhibiting compound of the formula:



is disclosed.

19 Claims, No Drawings